

The last issue of "Lights!" announced a new generation of dual lamp option HMI Parlights - SuperQuasar. Following on from the success of these two new location lights - two additions to the Quartzcolor HMI location range...

# THE NEW SUPERNOVA™ HMI FRESNELS

Strand Lighting, through its partnership with the Quartzcolor factory in Rome, was one of the pioneers of HMI lighting for Film and Television back in the early 1970's. The current range of HMI lights includes eight Sirio Fresnels from 575W right through to 18kW, three Sirio™ Twin Fresnels from 575W to 2500W, three Quasar™ and SuperQuasar™ Parlights from 1200W to 4000W and a range of three Arturo™ HMI Softlights from 575W to 2500W.

During the introduction of the new single-ended HMI lamp technology (pioneered by Philips with their MSR lamps) there was a lot of doubt in the industry over the reliability of this type of lamp construction. Strand looked back to its Altair HMI/CID concept developed at the time of uncertainty between the future of HMI lamps versus the single ended CID lamps. The old Altair gave users the option of fitting either HMI or CID lamp and the Sirio Twins were introduced to provide a similar option of fitting the new single ended HMI lamps, or when these were not available, to fit the readily available double-ended HMI. This was certainly a useful feature in those early days when lamp supplies were still being developed globally.

Lamp manufacturers have worked hard on their new technology and production processes to ensure the reliability of their single-ended lamps. Strand is now launching the first in its new range of Fresnels designed specifically for single-ended lamps.

Some time ago, the Quartzcolor factory had manufactured the superbly built "Nova" carbon arc fresnel. What better pedigree could there be for these new stablemates to the SuperQuasar single ended HMI parlights? So two bright new stars have been born - the SuperNova™ 4000W and 2500W single ended HMI Fresnels.

## COMPACT "NEW" STARS FOR SINGLE-ENDED DAYLIGHT LAMPS

SuperNova 40/25 is designed around the 4000W single-ended lamp but is equivalent in size to previous 2500W models and SuperNova 25 has been designed around the 2500W single-ended lamp and is equivalent in size to previous 1200W Fresnels. This reduction in size has been achieved by the use of more compact single-ended lamp format and the introduction of a completely new, compact, silent ignitor allowing the overall height to be kept to a minimum.



Computer rendition of SuperNova 40/25 used to visualise the prototype.

Our designers have been keen to make these new products as easy as possible to use by gaffers whilst providing the best possible optical performance to please DP's and Lighting Directors.

Focus control is by means of a rack and pinion mechanism through a single rotation operating knob on the side; conveniently placed to be close to the tilt lock knob. The pivot position of the luminaire has been carefully chosen to be on its centre of gravity when barndoors are fitted. In this way gorilla strength isn't

needed to lock the head in position!

Barndoors are now fitted in simple but durable cast aluminium drop-in ears but with roller bearings to ensure ease of rotation; input cables have been separated from the head to reduce all-up weight when rigging, and SuperNovas use the same quick release lampholder developed for SuperQuasar for ease of lamp changing.

SuperNova 40/25 has a similar 4000W/2500W dual lamp capability as its SuperQuasar equivalent.

By loosening two securing screws the lampholder can be raised from its normal position for the 4000W lamp to an alternative position enabling a 2500W lamp to be fitted. This model doubles as a compact 4000W or a normal 2500W HMI fresnel.

A new livery distinguishes this new generation of HMI fresnel and they are expected to be available as this issue of *Lights!* goes to press.

